

QT161



Structural Bonding Methacrylate Adhesive (Two Part Acrylic)



QT161 is a toughened 1:1 ratio structural adhesive formulated for bonding thermoplastics, metals and composites. The combination of minimal surface preparation and rapid fixture time makes it ideal for a variety of assembly operations.

Used for outdoor weathering or solvent exposure applications, thermoformed plastic assemblies, PVC, Fibreglass, Vinyl, ABS, Steel, FRP, Coated metals, Aluminium, Acrylics, Wood, Concrete, Ceramics. Tested and approved for use with ovens for powder coating and paint bake cycles up to 220°C.

For Adhered components can be handled in 20 minutes. The adhesive will be set within 2 hours. This product is very good on vertical surface bonds, exhibiting excellent structural strength even without priming the surfaces. Once set, the macro structure in the bonds show excellent durability, high peel strength (even in big gaps) and excellent solvent and environmental resistance.

Unlike an unforgiving epoxy that sets completely solid, two- part acrylics give slightly under stress, eliminating the risk of adhesive failure. It is ideal for bonding surfaces of different thermal expansion properties, between surfaces that flex, and for absorbing mechanical vibrations in vehicles, between components.

Typical uses

Structural joining of metals, plastics, composite bonding and on ceramics where a high impact strength is required. Applications include wind turbines, vehicle roofs, fibreglass, sports goods, automotive spoilers, venting/ducting and housing, signage manufacture and installation.

Available in Natural, Black and Crystal Clear.

